PretonSaver Home User Manual

Version 0.11

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Preface

The PretonSaver Home software application is a print device management solution, combining optimization of toner and ink, with management of consumable (toner/cartridge, paper, etc.) information, into a single print management package. PretonSaver Home can contribute to savings of up to 50% of total print cost, as well as achieve printing efficiencies by allowing you to specify additionally whether to exclude costly/time-consuming printing objects, such as text, images, or graphics, on a per printer device, or per print basis.

Audience

This manual is intended to provide hands-on information to PretonSaver Home users, and designed to maximize product benefits by allowing you to custom define ink/toner efficient and cost effective management settings for your printer devices.

Document Content

The manual includes the following chapters:

Chapter 1, *Preface* provides an introduction to PretonSaver Home, and explains the document audience, and conventions.

Chapter 2, *Installation* details the product's minimum system requirements, and provides step-by-step instructions explaining how to install the application on your computer.

Chapter 3, *Application Interface* provides a roadmap of the applications main menus, and specifies what each is used for.

Chapter 4, *Preton Settings* describes how to configure PretonSaver Home, and use it in order to effectively manage your consumable usage (toner, ink, print-time, etc.) settings, and thereby achieve efficiency savings. You can also use it enable blocking and saving on processes/applications.

Chapter 5, *Printing* explains how to print using the various print skins which are provided.

Chapter 6, *Reports* explains how to print reports to view optimization savings usage information.

Chapter 7, *Limited Trial* explains the limited trial option.

Documentation Conventions

This section describes the conventions this manual uses. These conventions make it easier to gather information from the document.

The following table lists the typographical conventions used.

Typeface or Symbol	Meaning	Example
Italics	References, new terms, field names and placeholders.	
Bold	Names of menus, options and command buttons.	

Release Notes and Documentation Notes

The following documentation notes accompany presentation of this manual.

On-Line File	Purpose
PretonSaver Home features.*	Describes features that are not covered in this manual or that have been modified since publication.
PretonSaver Home release.*	Describes any special actions that are required to configure and use the PretonSaver Home product. The file also describes new features not covered in this manual.

Technical Support

You can contact technical support by using our online form.

Installation

System Requirements

General Requirements

- An Internet connection.
- Administrator rights for the computer on which PretonSaver Home is being installed.

Software requirements

Before you install PretonSaver Home, you will need one or more of the following software:

- Microsoft® Windows XP SP2 and up
- Microsoft® Windows Vista
- Microsoft® Windows 7
- .NET Framework 2.0 SP1 and up
- Only 32 Bit OS systems are supported

Hardware requirements

The following hardware is required:

- Intel Pentium 4 or AMD Athlon CPU
- 512 of system memory (RAM)
- 10 MB of available disk space

Installing PretonSaver Home

Before you begin installation of PretonSaver Home, confirm you have installed Microsoft .NET Framework 2.0 or up on your system. Next step is to install the application itself.

➲ To install PretonSaver Home:

1. Download the application
2. Follow PretonSaver Home online instructions to install the application.

   Once PretonSaver Home has successfully been installed, the PretonSaver Home icon will be added to the Taskbar.

Application Interface

The PretonSaver Home main-menu is the program's primary means of configuring the application.

Main Application Menus

➲ To access PretonSaver Home from the main menu:

1. In the Taskbar, right-click the PretonSaver Home icon.

Figure 1. PretonSaver Home Icon in Taskbar

The PretonSaver Home main-menu appears:

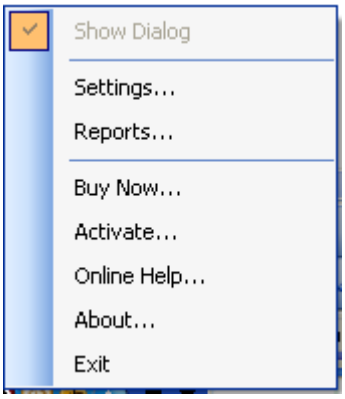


Figure 2. PretonSaver Home Main Menu (Before activation)

A brief summary of each menu item is provided in the following sections.

Show Dialog

In the software trial mode the Show dialog option is grayed, and cannot be un-checked. This means that the Preton Print dialog will always appear just before printing.

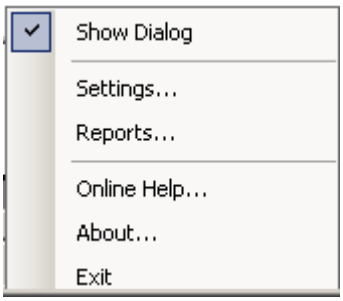


Figure 3. Main Application Menu, With Show Dialog option enabled

After the product license has been activated, display/not-displaying the Preton Print dialog is optional.

NOTE: The Buy Now option disappears from the menu, after the license is activated.

If the product has been activated, then the Show Dialog option becomes enabled. This allows you to specify if you want to show/not-show the dialog each time you print.

Setting

The Preton Settings dialog is used to perform the following tasks:

- Configure your printer's save modes and levels.
- (If needed) Protect (i.e. exclude) a process from being optimized by PretonSaver Home.
- Define the average cost of your consumables (toner, ink, paper, etc.) per page, to be used on a monochrome/color printer in order to calculate savings.
- Enable/disable printing of certain print objects, such as Text, Graphics, or Images.

NOTE: Detailed explanation of the different Setting options available is provided throughout this manual.

Reports

Use the Reports dialog to produce a monthly report that specifies the following:

- Total number of printed pages
- Total cost (after saving) of the printed pages
- Total savings of printed pages
- Average jobs per month
- Average job cost
- Average pages per job

Buy Now

On a trial enabled machine choosing the Buy Now option, will redirect you to our website where the product can be purchased online.

NOTE: The Buy Now option will no longer appear on the menu in the Taskbar, as soon as the product has been activated.

Activate

You can download and install PretonSaver Home for a free 30 day free trial period, after which the product must be purchased. After the product is purchased online, you will receive a product key by email, which you use to activate it.

This will give you access to all of the product features.

➲ To activate Preton:

1. Right-click the Preton icon, and select the Activate menu item.

   The Activate dialog appears:

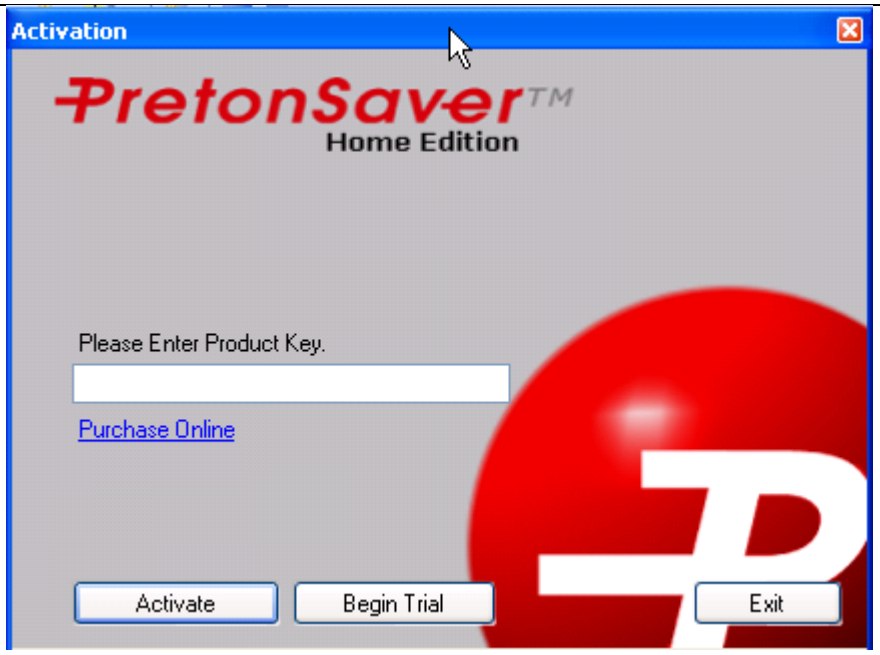


Figure 4. Activation dialog

2. Type the key you've received by email in the Product Key text input field.

3. Click Activate.

The Activation dialog contains the following elements:

- **Enter Product Key (text input field).** The product key is emailed to you for activation, after an online product purchase of the product is completed. When you receive the product key, type the product key you received in this field.
- **Purchase Online (Link).** Clicking this link directs you to our website, where an online purchase of the product can be performed.
- **Activate (Button).** Click this button, after you have entered the product key in the Product Key text input field. If the product key is valid, the product will be activated.

NOTE: Once the product has been activated the Activate menu item will no longer be accessible.

- **Continue Trial (Button).** PretonSaver Home is available in trial and licensed versions. Use the Continue Trial button to continue using the trial version of PretonSaver Home.
- **Exit (Button).** The Exit button closes the Activation dialog.

The Waiting for Product Key Confirmation dialog appears:

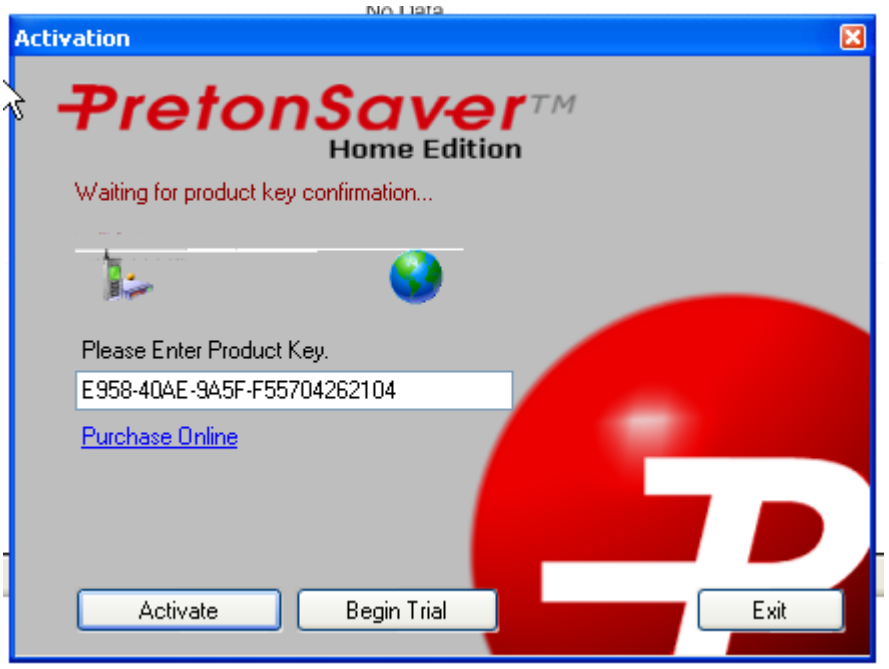


Figure 5. Activation dialog – Waiting for Product Key Confirmation Via Internet

NOTE: The computer must be connected to the Internet during the activation process.

4. Click Finish.

   The product is now fully active.

Online Help

Selecting the Online Help option, displays an online version of the PretonSaver User Guide.

About

The About dialog, provides general information about the software, including the following:

- **Version.** PretonSaver Home product version number.
- **License Type.** Type of product license purchased.
- **Product License Level.** Each license type may support one or more licensing levels. For example: standard, premium, enterprise, or trial.

- **Days elapsed.** Number of days elapsed since the product was purchased.

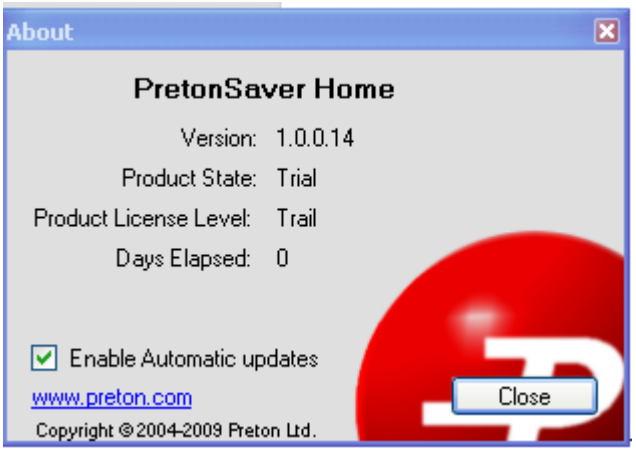


Figure 6. About dialog

NOTE:	Selecting the Preton URL in the About dialog, will direct you to the Preton website.

NOTE:	Clicking the Enable automatic updates, which will keep your product up to date with latest softwre updates.

Exit

Use the Exit menu option to close and shutdown PretonSaver Home. When the application closes, the Preton icon disappears from the Taskbar, and the application is no longer active.

NOTE:	Alternately, to start PretonSaver Home from the Windows Start menu, click All Programs, Preton, and select PretonSaver Home.

Preton Settings

Defining Printer Driver Settings

For each printer driver which exists on your computer, you can configure and set different consumable saving levels.

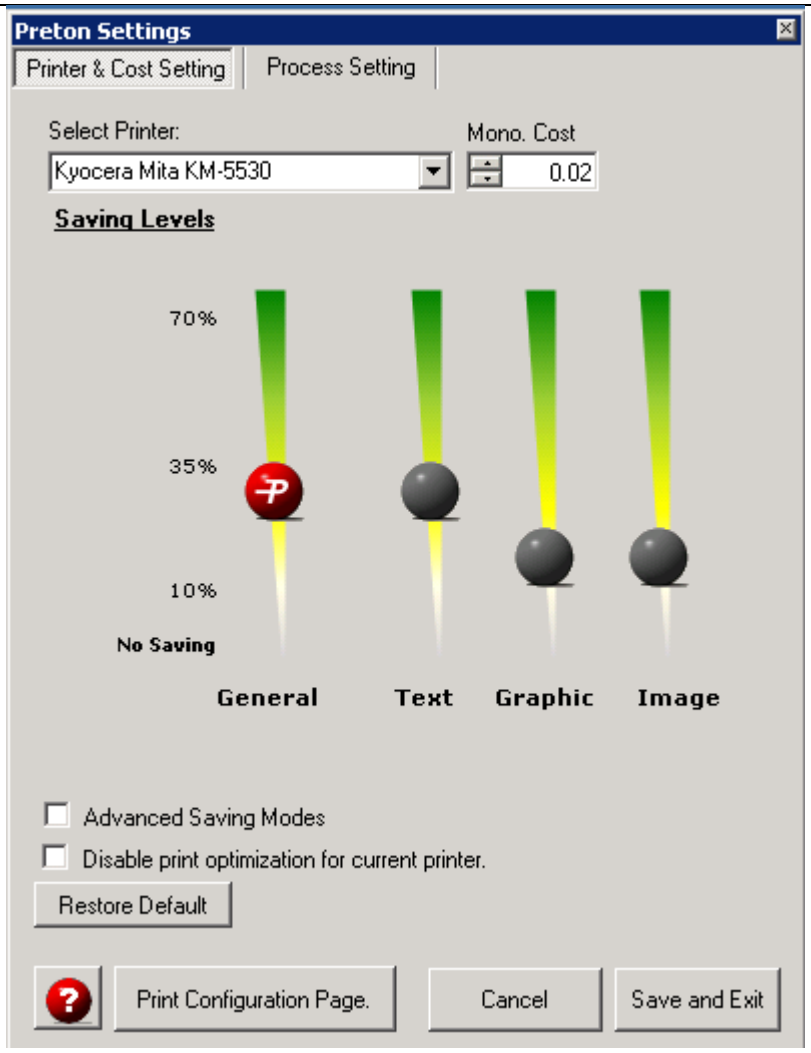


Figure 7. Preton Settings dialog

Move the individual Text, Graphic, and Image sliders up or down according to your needs to define your saving settings for that category.

If you move the General slider, up/down it will move all three (Text, Graphic, and Image) sliders at the same time

Disabling Print Optimization for Printer Drivers

➲ To disable print optimization for an individual printer:

5. In the Preton Settings dialog, select the printer you want to disable from the Select Printer drop-down menu.

6. Select the Print optimization for current printer checkbox.

   The Preton Settings dialog appears:

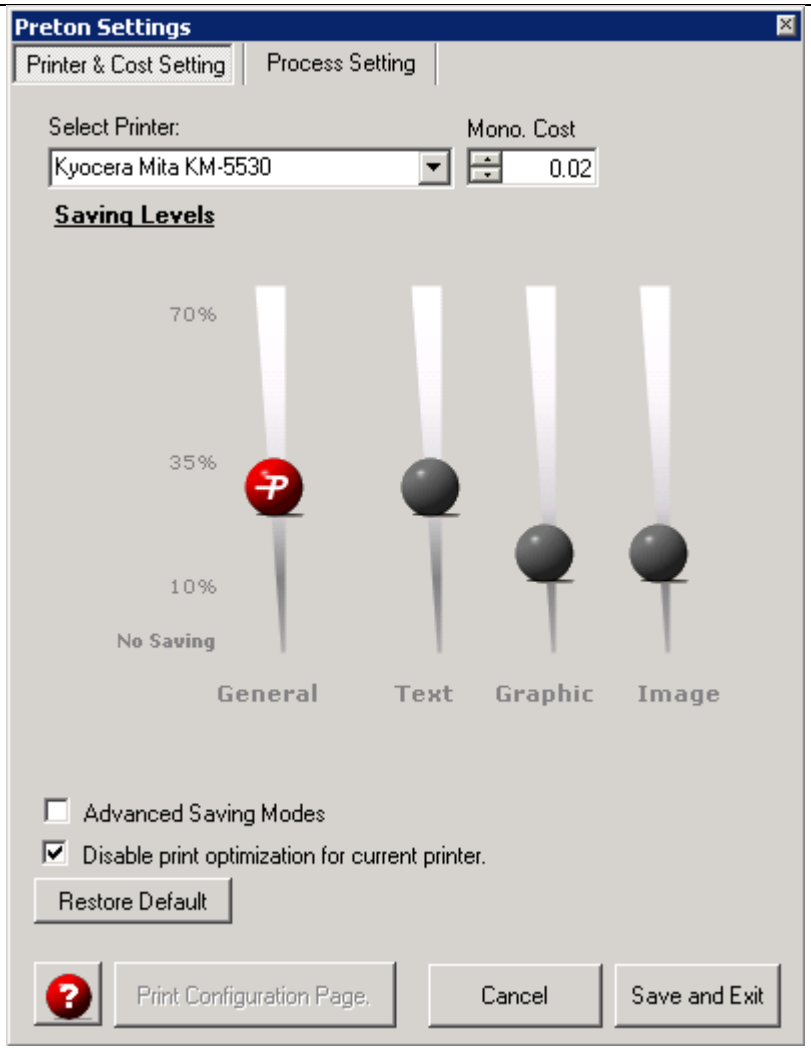


Figure 8. Preton Settings dialog – Print Optimization for Current Printer Disabled

Notice that when print optimization is disabled for the selected printer, all element settings in the dialog are grayed-out, and cannot be selected

7. Click Save & Exit.

   The Preton Settings dialog closes. You have now disabled print optimization for the current printer.

Advanced Saving Mode

The advanced saving mode function enables you to fine-tune your printer settings for Text, Graphic, and Images elements, and individually choose between Brightness and Fast mode levels for each element.

➲ To use advanced savings mode:

1. In the Preton Settings dialog, click the Advanced Saving Mode checkbox.

In the Preton Settings dialog, notice that below the General, Text, Graphic, and Image sliders, Save Mode icons appear:

PretonSaver provides two Saving Modes, each represent a different algorithm, and is represented by a different save mode icon. They are:

Figure 9. Fast Mode icon

Figure 10. Brightness Mode icon

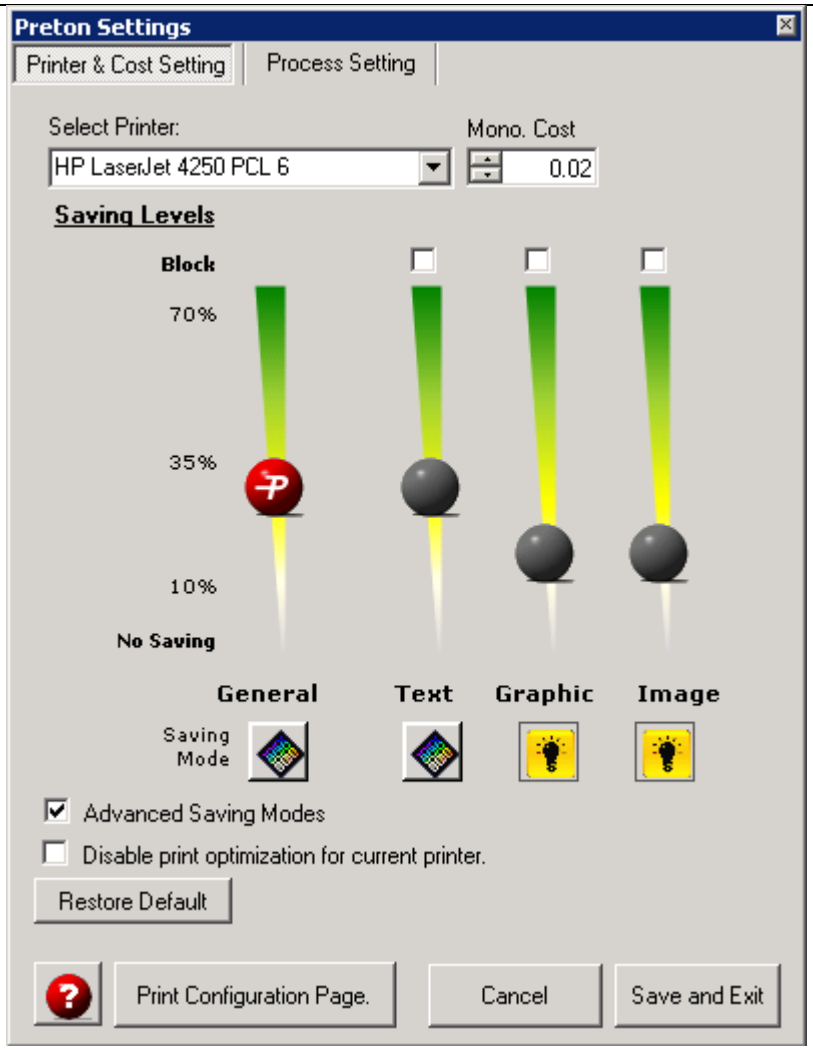


Figure 11. Preton Settings dialog – Advanced Saving Modes

NOTE:	Clicking the Advanced Saving Mode checkbox, enables/disables the Saving Mode icons. Notice also that at the same time the Block checkbox becomes enabled disabled.

2. If you require, you can click the Saving Mode icon to toggle on/off between Fast Mode and Brightness mode for optimal print performance, on any of the four sliders available.

NOTE:	Clicking the Disable print optimization for current printer, essentially amounts to applying a block on Text, Graphic, and Image.

3. Move the individual Text, Graphic, and Image sliders up or down according to your needs to define your saving settings for that category.

NOTE: If you move the General slider, up/down it will move all three (Text, Graphic, and Image) sliders at the same time.

4. Click Save and Exit.

   The Preton Settings dialog closes.

Defining Cost Settings and Reviewing Total Savings

Defining Cost Settings

Degradable items such as toner, color cartridges, paper, cost of machine repair, etc., are commonly referred to as consumables. The combined cost of these consumables is averaged in order to calculate the per page cost. The cost of consumables for each printer is different, so the consumable cost settings are defined on a per printer basis.

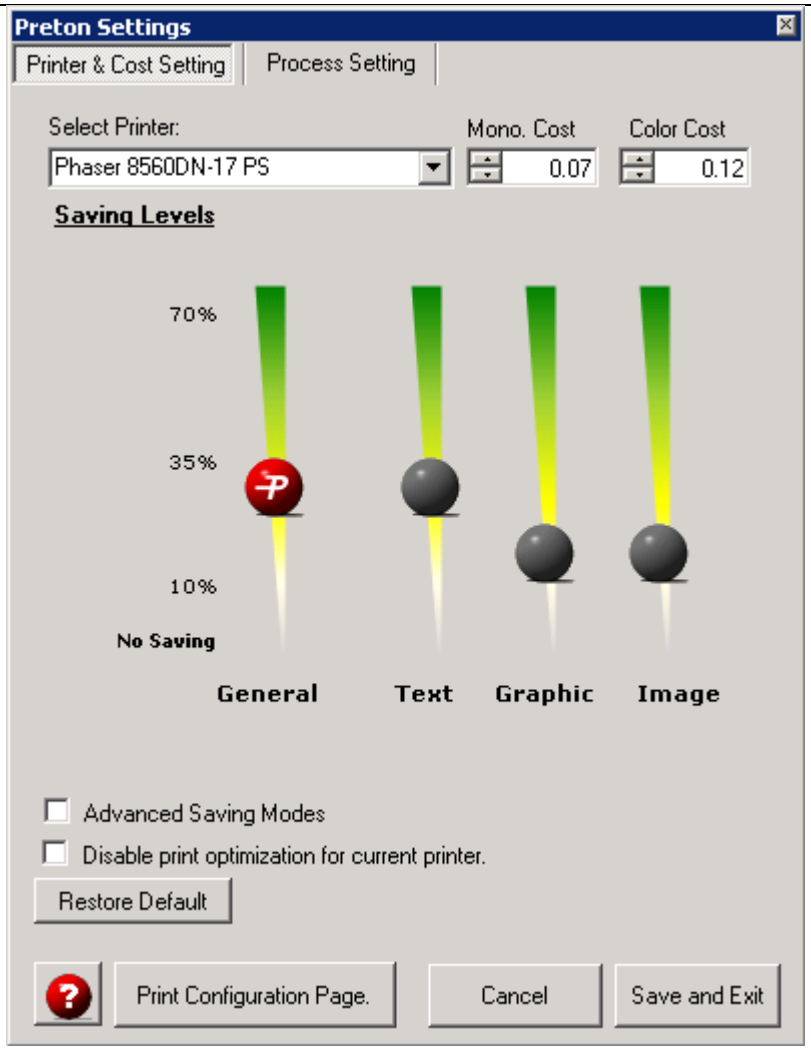


Figure 12. Preton Settings dialog – Color and Monochrome Cost settings for the same printer

NOTE: Notice that when certain printer drivers are selected, monochrome and color cost scroll-boxes appear. At other times only a monochrome cost scroll-box list will appear.

Preton queries the printer driver to determine whether the printer driver is capable of printing in color and monochrome, or if it is only capable of mononchrome printing.

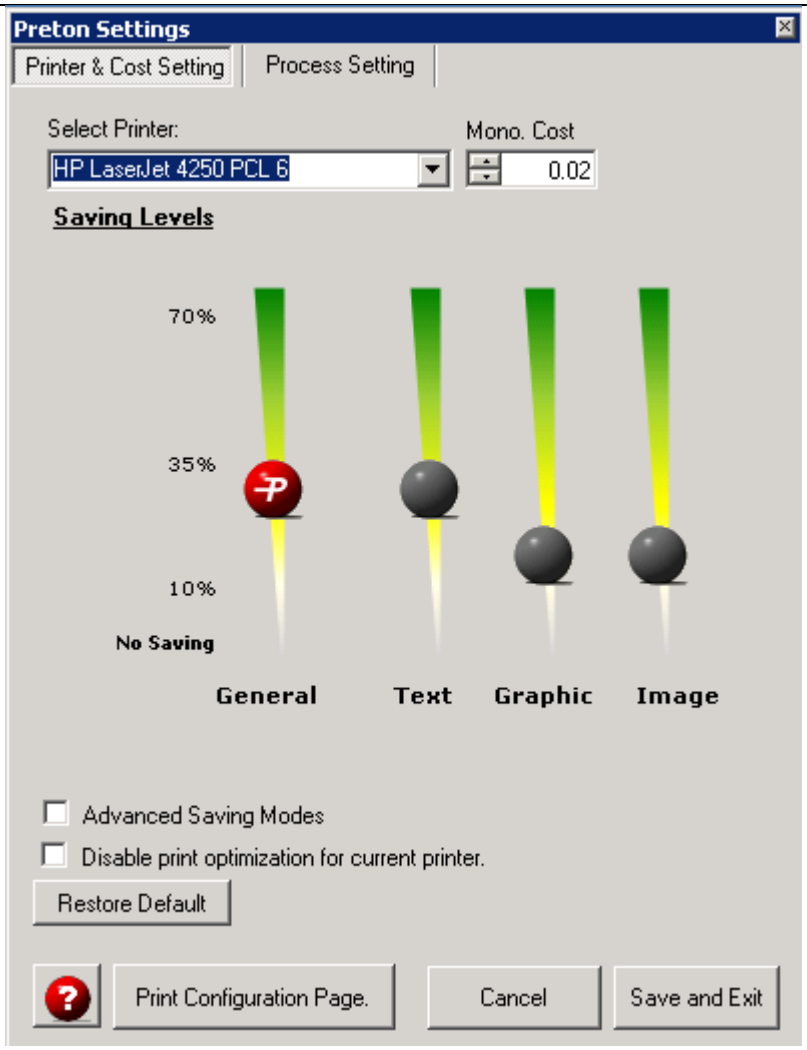


Figure 13. Preton Settings dialog – Average Consumable Savings Cost (Monochrome Printer)

The printer driver appearing above displays a printer driver with only Mono Cost.

Mono Cost – the average cost for mono page printed with 5% coverage

Color Cost - the average cost for color page printed with 5% coverage

Reviewing Total Settings

After your consumable savings are calculated and compiled, you can see how much you have actually saved.

To see how much you have actually saved, place your mouse over the Preton icon on the Taskbar.

The PretonSaver Home dialog appears:

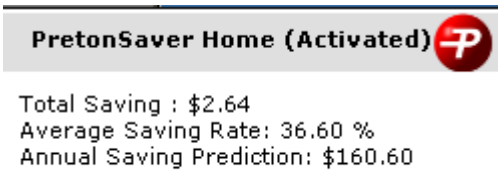


Figure 14. PretonSaver - Reviewing Total Savings

Notice the total consumable saving achieved, and the annual saving forecast in the dialog.

NOTE: Estimated annual saving forecasts are calculated on the basis of average total savings so far achieved, calculated to an annual level.

Defining Process/Application Saving/Protection Settings

PretonSaver enable you to specify applications or processes that will be excluded from printing optimization. The default is to print optimize all applications on the machine.

➲ To define process/application saving/protection settings:

1. In the Preton Settings dialog, click the Process Setting tab.

The Process Settings dialog, Process Setting tab appears:

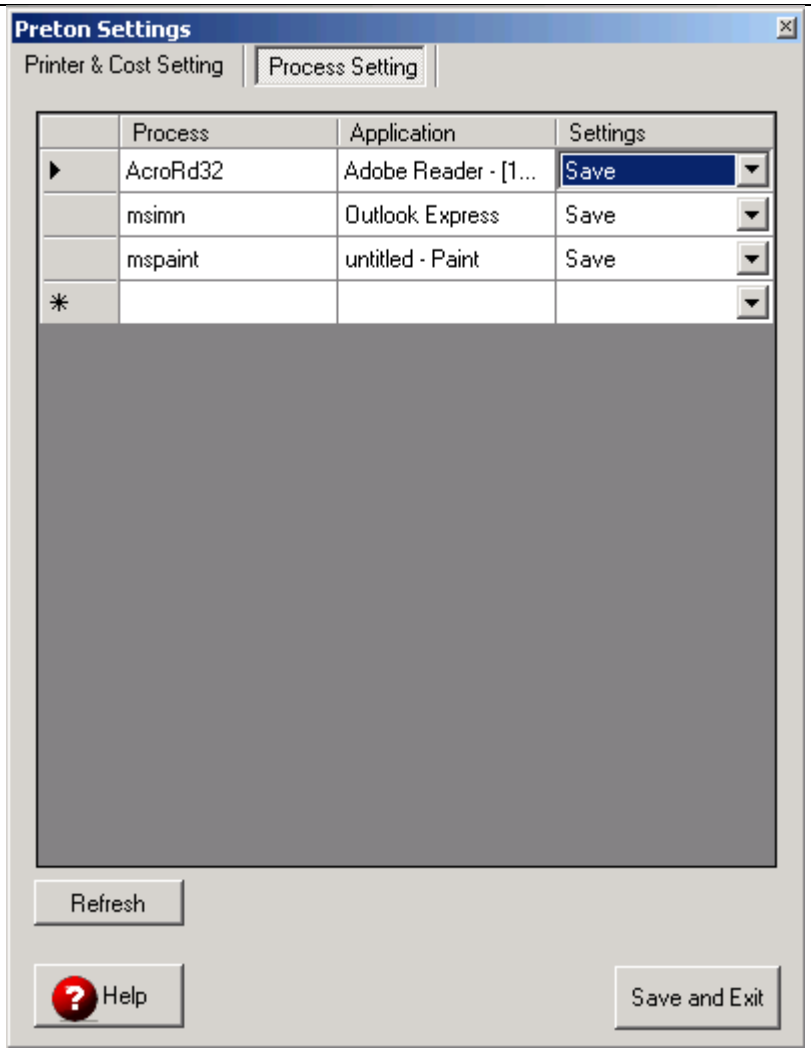


Figure 15. PretonSettings dialog – Process Setting tab

An application set to Save, will be optimized by PretonSaver Home.

An application set to Protect, is an application which is ignored by PretonSaver Home.

2. Click the application/process you want to save or protect.

NOTE: If the process/application session started executing after PretonSaver was started (usually when the machine is booted), the process/application won't appear in the Process Setting tab.

To include the process/application in the Process Setting tab list, click Refresh and it will appear in the list.

3. From the Settings drop-down list, select Save or Protect.

NOTE: If you want to add another application, which you want to save or protect, in the Process Setting tab follow the instructions in the next section.

4. Click Save & Exit.

   The dialog closes.

Adding Processes/Application to Define Save/Protect Settings

In addition to the default applications which appear in the Process Setting tab, you can add more applications to specify whether they are enabled for save or protect mode.

➲ To add processes/application and then specify whether they are save or protect enabled:

1. In the Process Setting tab, click on an empty row to select it.

The selected row is highlighted:

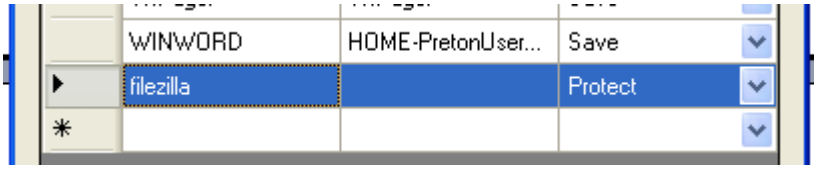


Figure 16. Preton Settings dialog – Process Setting tab (snippet)

2. Type the process name of an application in the Process text input field.

   Example: chrome.exe

NOTE: The file extension, .exe etc. is not required.

3. Type the name of the application in the Application text input field.

Example: Chrome.

4. From the Settings drop-down list, select the Save or Protect option according to your needs.

NOTE: Use the Refresh button, in order to rescan the processes running on your computer and add it to list.

5. Click Save and Exit.

Printing

PretonSaver provides a print dialog that enables you to change optimization settings on a print-job basis.

➲ To execute a print job:

6. Send your print job the printer.

The PretonSaver Print dialog appears:

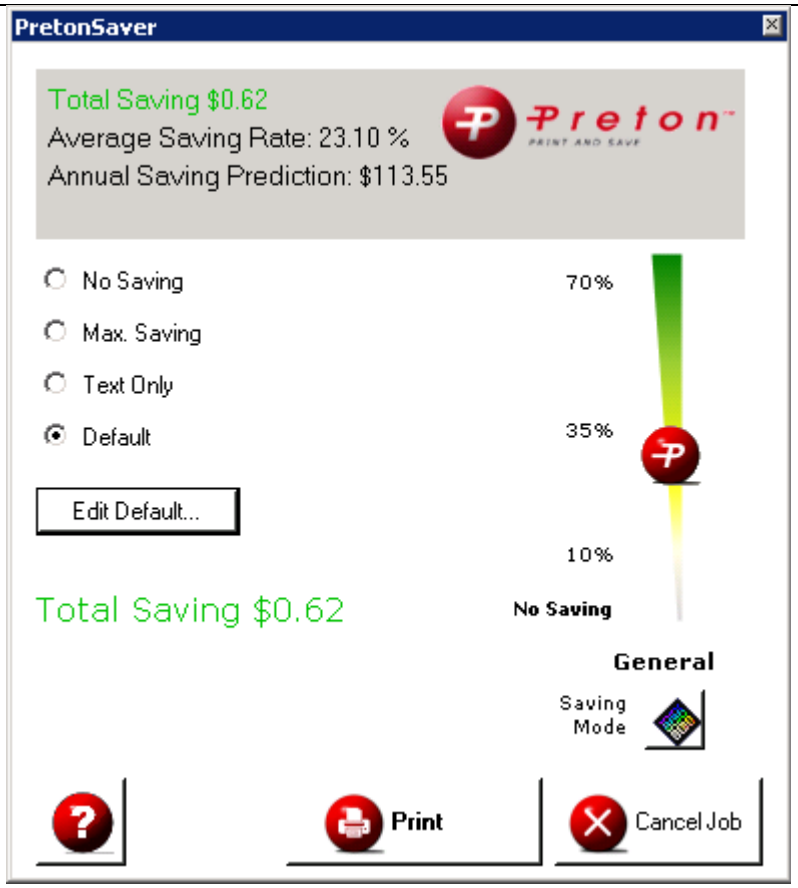


Figure 17. Preton Print Dialog

The PretonSaver Print dialog provides the following choices:

- **No Saving.** Prints without using any savings.
- **Maximum Saving.** Prints applying maximum savings.
- **Text Only.** Only prints text.
- **Default.** Uses default settings as defined for this printer driver.
- **Edit Default.** Use the Edit Default button, to open a dialog in order to modify the default settings for the printer driver currently being used to send the current print job waiting in the queue to a particular printer.

7. Make the changes you want.

NOTE: Use the Edit Default button to modify your default settings for that particular print driver device you're using, just prior to sending your job to the printer.

8. Click Print.

The print job is sent to the printer.

After the print job is sent to the printer, the Print Summary appears:

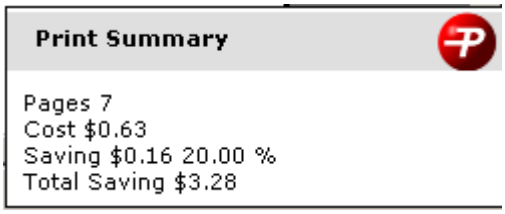


Figure 18. Print Summary

Notice that the print summary displays the number of pages printed, the total cost, savings, and total savings.

NOTE: If you uncheked the "Show Dialog" in PretonSaver's taskbar menue, the print dialog will not show up and defualt optimization settings will be applied to all prints

Reports

Summary Reports

Use the Report features to breakdown consumables used on a monthly basis. The report breaks down the following information:

- Total number of printed pages
- Total cost of printed pages (cost after saving)
- Total saving
- Average page cost, and Average job cost
- Average pages per day, Average jobs per day, Average pages per job

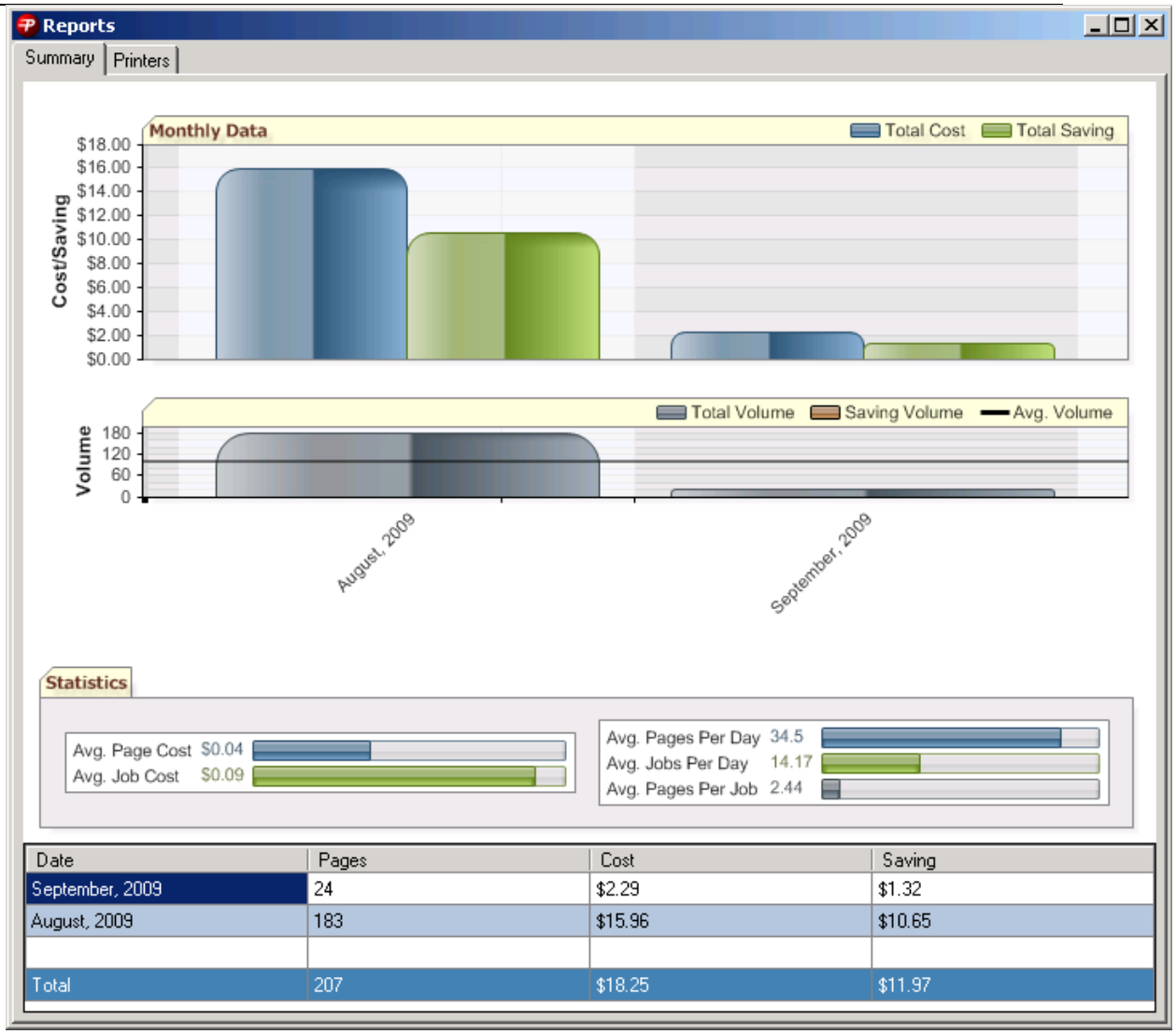


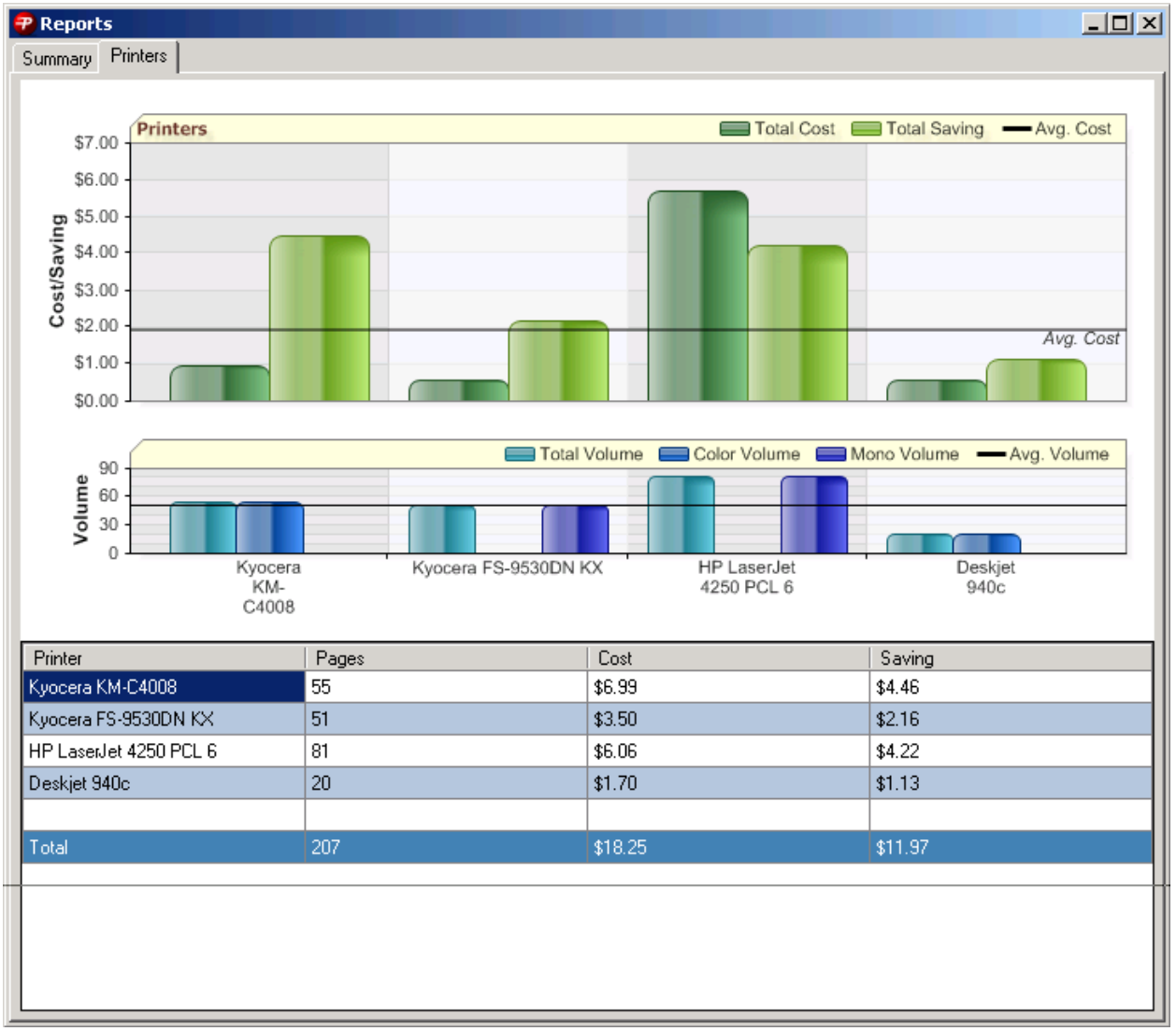
Figure 19. Reports dialog

The Report dialog provides the following information:

- **Date.** Per month statistics accumulated figures.
- **Pages.** The total number of pages printed that month.
- **Cost.** The end user's actual printing cost for the month after optimization savings are included.
- **Savings.** Saved achieved that month as a result of optimization.
- **Total.** The total for pages cost and savings

NOTE: All reports are broken down by month.

Printer Report



Printer	Pages	Cost	Saving
Kyocera KM-C4008	55	$6.99	$4.46
Kyocera FS-9530DN KX	51	$3.50	$2.16
HP LaserJet 4250 PCL 6	81	$6.06	$4.22
Deskjet 940c	20	$1.70	$1.13
Total	207	$18.25	$11.97

Figure 20. Reports dialog – Printer Report

The Printer Reports dialog contains the following fields:

- **Printer.** Name of the printer.
- **Pages.** Total number of pages printed.
- **Cost.** Total cost.
- **Savings.** Total derived savings.

Limited Trial

After the exhaustion of the initial 30 days trial where the software is fully functioning and saving levels are up to 70%, PretonSaver Home Edition can continue to run on a limited trial for an additional 90 days, while on limited trial saving levels is limited to 10%

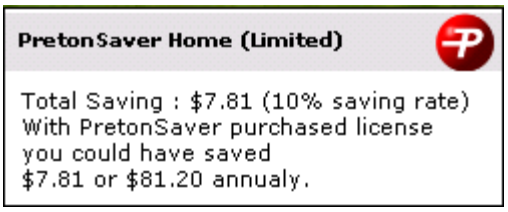

PretonSaver Home (Limited)
Total Saving : $7.81 (10% saving rate)
With PretonSaver purchased license
you could have saved
$7.81 or $81.20 annualy.

Figure 21. Limited Trial – Print Summary

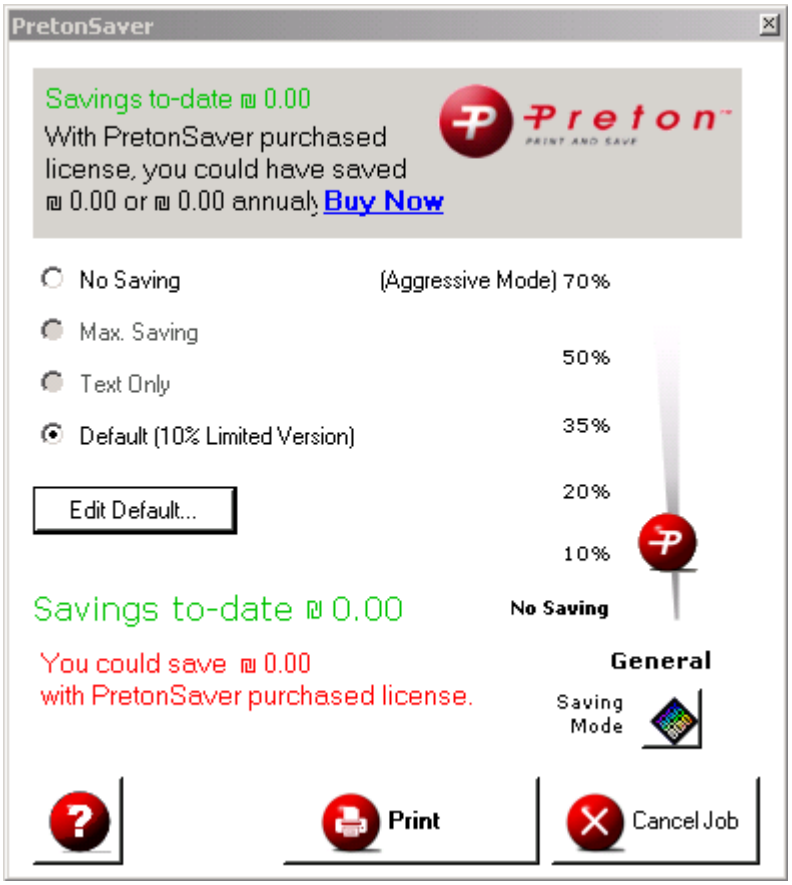


Figure 22. Limited Trial – Print Dialog